MSc Human Computer Interaction

As computing becomes ever more pervasive and reaches out into everyday life, systems development increasingly relies on our ability to place people at the centre of the digital revolution.

Human Computer Interaction (HCI) is a distinctive branch of computer science dedicated to understanding the relationship between people and computers. It is promoted globally by the Association of Computing Machinery (ACM) and nationally by the British Computer Society (BCS).

The course addresses core areas of the ACM SIGCHI Curricula for Human Computer Interaction and is intended for students with diverse disciplinary backgrounds and experiences.

If you believe that people should be at the heart of computing and are interested in shaping our digital future, then this is the course for you.
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Course structure
This course provides theoretical grounding, practical knowledge, and hands-on experience of key skills and competences needed to shape computing systems for the 21st century.

Modules are offered by the School of Computer Science and the Faculty of Engineering. Please note that all module details are subject to change.

Modules include:
• Advanced Methods in Human Factors
• Cognitive Ergonomics in Design
• Collaboration and Communication Technologies
• Databases, Interfaces and Software Design Principles
• Design Ethnography
• Games
• Mobile Device Programming
• Physical Ergonomics
• Research Methods
• Systems Engineering and Human Factors

Towards the end of your course, you will undertake an individual research project in Human Computer Interaction under the supervision of a member of academic staff.

Facilities and resources
Situated in purpose-built facilities on Jubilee Campus, the School of Computer Science provides the latest in advanced teaching technologies and high-speed networking, as well as first-rate facilities for carrying out HCI research provided by the Mixed Reality Laboratory and the Human Factors Research Group.

The school has four large computing labs, equipped to a high specification. Microsoft application and development suites are installed on all lab machines, and the school’s rolling programme of upgrades ensures that you have access to the latest equipment and software. You will receive membership of the Microsoft Development Network, allowing you to download and use Microsoft software for research and development over the duration of your studies.

A dedicated team of support staff also works within the school, experienced not only in the latest technologies, but also in the demands of research within this field.

Funding
Information on funding for home and EU students can be found at www.nottingham.ac.uk/graduateschool/funding

Information on funding for international students can be found at www.nottingham.ac.uk/studywithus/international-applicants/scholarships-fees-and-finance

Career opportunities
There is an increasing need in industry for graduates with an understanding of the human element in systems design. The course provides a pathway to careers in interactive systems design, user experience design, user interface design, and usability engineering.

The course is also an excellent foundation for further study and/or progression to a PhD.

The University’s Careers and Employability Service is also an invaluable resource when you are researching and pursuing your chosen career. All our graduates have access to the service for life, find out more at www.nottingham.ac.uk/careers

Entry requirements
Applicants are usually required to have a 2:2 honours degree (or the international equivalent) in a relevant subject.

Applicants whose first language is not English must also achieve an IELTS score of 6.5 (no less than 6.0 in each element).

Applications
Candidates are encouraged to apply online at pgapps.nottingham.ac.uk

Enquiries
For further information, please contact:
Admissions
t: +44 (0)115 951 4749
w: www.nottingham.ac.uk/enquire

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The University of Nottingham has made every effort to ensure that the information in this insert was accurate when published. Please note, however, that the nature of the content means that it is subject to change from time to time, and you should therefore consider the information to be guiding rather than definitive.

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